



PROGRAM
EXECUTIVE
OFFICE
SOLDIER

Project Manager Soldier Sensors
and Lasers

Product Manager Soldier
Maneuver Sensors

<http://www.peosoldier.army.mil>

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Specifications

WML

- **Weight without batteries:** 12 ounces (Threshold); 9 ounces (Objective)
- **Length:** 7 inches (Threshold); 6 inches (Objective)
- **Power:** One or two DL 123 or AA batteries
- **Range or facial recognition:** 20 meters (Threshold); 25 meters (Objective)

CSWL

- **Weight without batteries:** 10 pounds (Threshold); 8 pounds (Objective)
- **Length:** 16 inches (Threshold); 13 inches (Objective)
- **Power:** Standard military batteries or vehicular power
- **Range or facial recognition:** ID of man-sized target 1,000 meters with IR

Program Status

WML

Awarded latest contract for 35,120 additional WMLs. Based on Product Evaluation Test (PET) results, three WMLs were chosen to be placed on the common table of allowances (CTA).

CSWL

Completed second PET; third FY10 PET is ongoing. Based on PET results, two CSWLs were chosen to be placed on the CTA.

WEAPONS MOUNTED LIGHT (WML) AND CREW SERVED WEAPONS LIGHT (CSWL)



The Weapons Mounted Light (WML) and Crew Served Weapons Light (CSWL) provide a small, lightweight, weapon-mounted or hand-held white light capability for use in a variety of combat situations.

The **Weapons Mounted Light (WML)** is a small (7 inches threshold, 6 inches objective), lightweight (10 ounces or less with batteries) white light that can be weapon-mounted or handheld. The WML is employed on small arms weapons including the M16A4 modular weapons, M4/M4A1, M249 Squad Automatic Weapon (Threshold), and M240B/L Medium Machine Gun (Objective). The light is able to mount on the weapons' MIL-STD-1913 rail and does not interfere with day/night optics, aiming lights, or other weapon accessories. When weapon-mounted, the WML will provide the Soldier the capability to illuminate a 20 x 20 x 8 foot darkened room or enclosure and identify targets accurately, with facial recognition at a range of 20 meters (Threshold) or 25 meters (Objective). The WML has dual activation controls, i.e., an on/off switch, located on the device housing and a wired remote control switch. The WML includes an infrared capability.



WEAPONS MOUNTED LIGHT (WML)

The **Crew Served Weapons Light (CSWL)** system is compact and lightweight, provides both overt (white light) and covert (infrared) illumination and can be mounted to the M2 .50 Caliber Machine Gun and the MK19 Grenade Machine Gun or used in the handheld mode. The CSWL increases situational awareness by enabling the Soldier to observe deeper into the area of operation; increases the probability to detect, identify, deter or assist in engagement of hostile forces or identify friendly forces or non combatants at greater ranges; and provides increased command and control at traffic control or check points. The CSWL operates with an on/off switch on the device housing or with a wired remote cable switch. .



CREW SERVED WEAPONS LIGHT (CSWL)